

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Karl F. JOHNSON et al.Application No./Patent No./Control No.: 10/585,440 (International Application No. PCT/US05/00302)  
International Filing Date: Jan. 6, 2005Entitled: VECTORS FOR RECOMBINANT PROTEIN EXPRESSION IN E. COLI

Neose Technologies, Inc., a Corporation  
 (Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original assignment is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

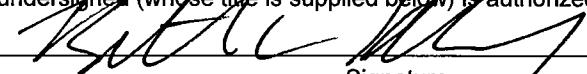
1. From: \_\_\_\_\_ To : \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
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2. From: \_\_\_\_\_ To : \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
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3. From: \_\_\_\_\_ To : \_\_\_\_\_  
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Additional documents in the chain of title are listed on a supplemental sheet.

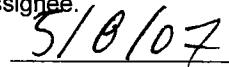
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature



Date

---

 Beth L. Kelly

145-576-0200

---

 Printed or Typed Name

Telephone Number

---

 Attorney for Assignee

---

 Title

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Karl F. Johnson of 5320 Ivy Stream Road, Hatboro, PA 19040; Dan Bezila of 2154 Milford Ave., Quakertown, PA 18951; Winnie Ngo of 116 Byberry Road, Hatboro, PA 19040; and David Hakes of 14 Fern Avenue, Willow Grove, PA 19090, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **VECTORS FOR RECOMBINANT PROTEIN EXPRESSION  
IN E. COLI**

Date(s) of execution of Declaration: April 2007

Filing Date:

Application No.: **10/585,440**

Int'l Application No.: **PCT/US2005/000302**

Int'l Filing Date: **January 6, 2005; and**

WHEREAS, Neose Technologies, Inc., located at 102 Witmer Road, Horsham, PA 19044, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment  
Attorney Docket No.: 019957-020210US  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: April 9, 2007

Karl F. Johnson

Karl F. Johnson

SIGNATURE WITNESSED BY:

Dated: 4/9/07

Ruth H. Rondinelli

Signature of Witness

Rachel H. Rondinelli

Printed Name

Dated: 4/9/07

Lynne E. Conklin

Signature of Witness

Lynne E. Conklin

Printed Name

Dated: \_\_\_\_\_

\_\_\_\_\_  
Dan Bezila

SIGNATURE WITNESSED BY:

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Printed Name

Dated: \_\_\_\_\_

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Printed Name

Assignment  
Attorney Docket No.: 019957-020210US  
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: \_\_\_\_\_

Karl F. Johnson

SIGNATURE WITNESSED BY:

Dated: \_\_\_\_\_

Signature of Witness

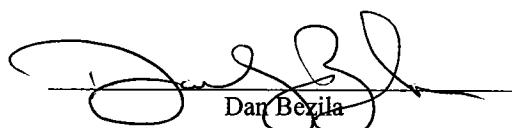
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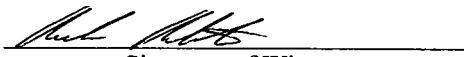
Dated: 06 Apr. 07



Dan Bezilla

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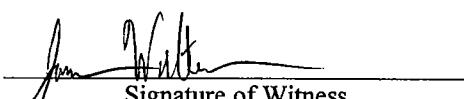
Dated: 06 Apr. 07



Signature of Witness

Printed Name

Dated: 06 Apr. 07



Signature of Witness

Printed Name

Assignment  
Attorney Docket No.: 019957-020210US  
Page 3

Dated: 5/1/07

  
Winnie Ngo

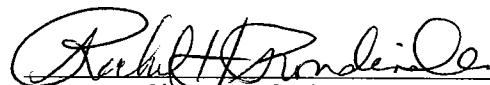
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Dated: 5/1/07

  
Signature of Witness

Lynne E. Conklin  
Printed Name

Dated: 5/1/07

  
Signature of Witness

Rachel H. Rondinelli  
Printed Name

Dated: \_\_\_\_\_

David Hakes

SIGNATURE WITNESSED BY:

Dated: \_\_\_\_\_

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Signature of Witness

\_\_\_\_\_  
Printed Name

Dated: \_\_\_\_\_

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Signature of Witness

\_\_\_\_\_  
Printed Name

Assignment  
Attorney Docket No.: 019957-020210US  
Page 3

Dated: \_\_\_\_\_

Winnie Ngo

SIGNATURE WITNESSED BY:

Dated: \_\_\_\_\_

Signature of Witness

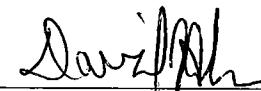
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Printed Name

Dated: April 4, 2007

  
\_\_\_\_\_  
David Hakes

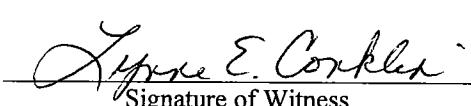
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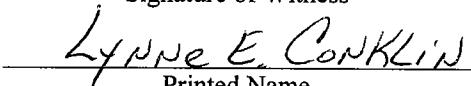
Dated: 4/4/07

  
\_\_\_\_\_  
Signature of Witness

Rachel H. Rondinelli  
Printed Name

Dated: 4/4/07

  
\_\_\_\_\_  
Signature of Witness

  
\_\_\_\_\_  
Printed Name